


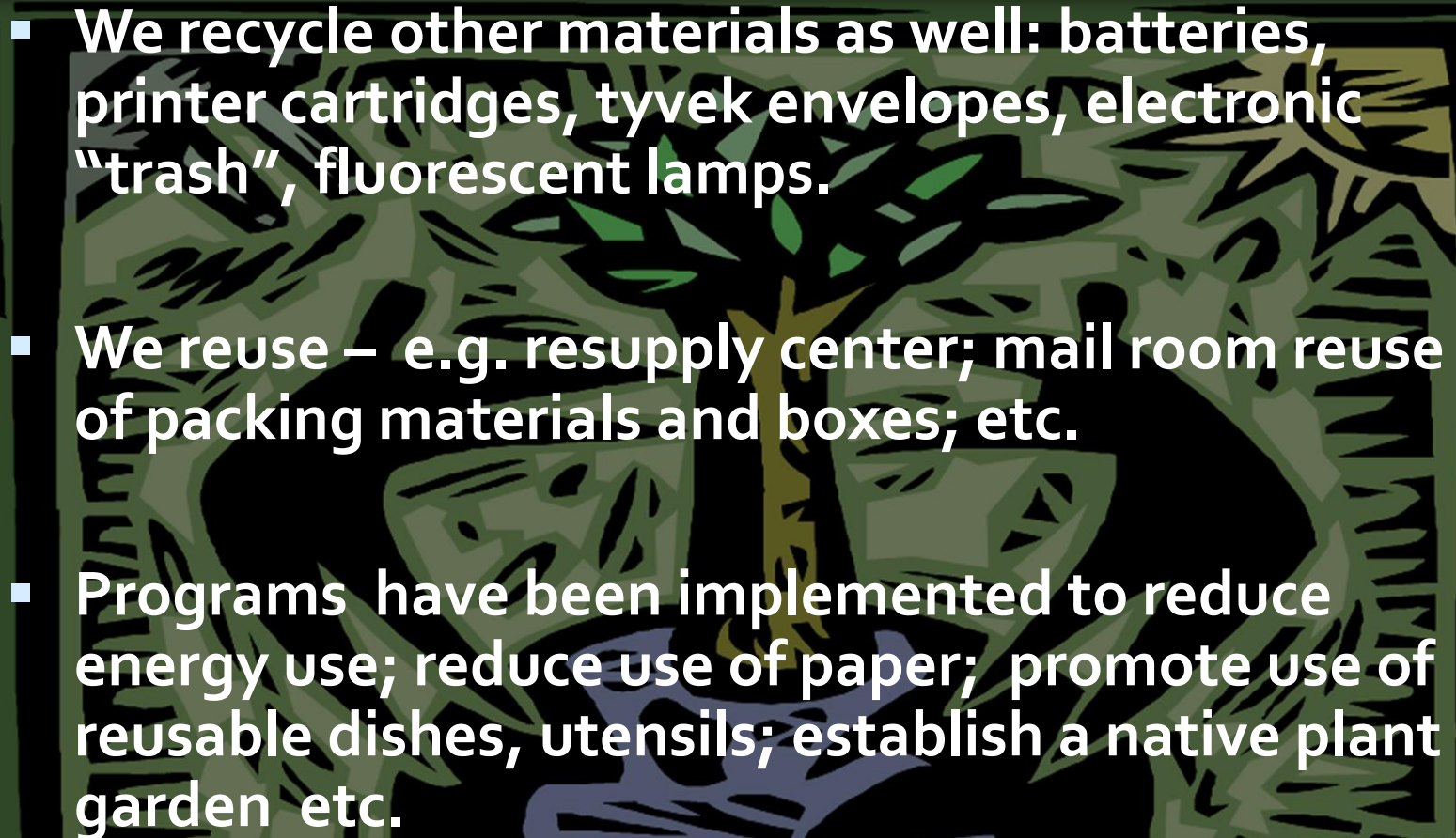




**RECYCLING – BOTTLES, CANS,
PAPER & FOOD WASTE – DEP
HEADQUARTERS 79 ELM STREET
FY2010**



Recycling of bottles, cans, paper, & food waste represents just one of the “green” programs implemented at 79 Elm Street.

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- We recycle other materials as well: batteries, printer cartridges, tyvek envelopes, electronic “trash”, fluorescent lamps.
 - We reuse – e.g. resupply center; mail room reuse of packing materials and boxes; etc.
 - Programs have been implemented to reduce energy use; reduce use of paper; promote use of reusable dishes, utensils; establish a native plant garden etc.

In FY2010 the following tonnages of bottles, cans, and paper were estimated recycled from 79 Elm Street:

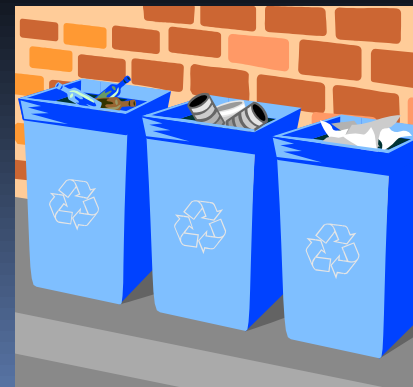
Old Corrugated Containers**	4.16 tons
Paper Mix**	17.3 tons
High Grade White Paper**	47.55 tons
Commingled containers **	1.5 tons
Composting – food	3 tons
Total	73.51 tons

**Based on invoices and personal communication with the hauler servicing 79 Elm Street

The FY2010 Recycling Rate for bottles, cans, paper, and food waste recycled at 79 Elm Street:

Tons MSW Disposed	28.75
Tons Bottles, Cans, Paper, & Food Recycled *	73.51
Tons MSW Generated	102.26
Percent Recycled (Tons MSW Recycled/Tons MSW Generated)	71.9%

* Does not include the deposit beverage containers salvaged by employees



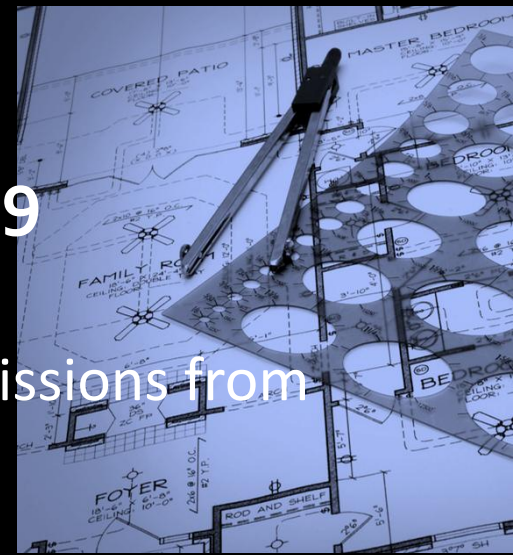
The Northeast Recycling Council(NERC) Environmental Benefits Calculator(EBC)

- One of many tools available to estimate environmental benefits of source reduction, reuse, and recycling
- http://www.nerc.org/topic_areas/environmental_benefits_calculator.html
- For questions regarding the EBC contact Athena Lee Bradley at NERC 802-254-3636



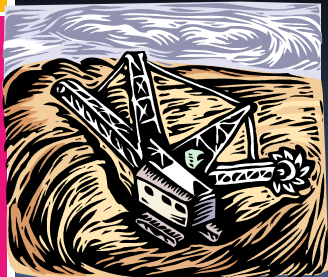
The EBC was last updated in April 2009

- It is based on estimated energy use and emissions from several lifecycle analysis studies.
- It incorporates U.S. EPA's WARM Calculator, as well as, facts and figures from the U.S. Department of Energy, Steel Recycling Institute, Glass Packaging Institute, and U.S. Climate Technology Cooperation Gateway, and other sources. Additional details are cited throughout the EBC.
- Factors that are not included in this Calculator are landfill gas recovery and generation of electricity by waste-to-energy.



Some of the Environmental Benefits of Recycling Bottles, Cans, Paper, & Food Waste at 79 Elm Street in FY2010 (Based on the NERC EBC)

- **Reduced greenhouse gas emissions reduced by 44.3 metric tons of carbon equivalents (MTCE) in a one year period.**
 - This is equivalent to approximately 0.01% of all industrial MTCE emissions generated from fossil fuel combustion in Connecticut
- **Saved a total of 333.73 Million BTUs of energy**
 - This is equivalent to 2,686.21 gallons of gasoline. It represents the amount of energy that would be required to power 3.26 homes for one year in the United States.
- **Paper recycling resulted in forest carbon sequestration benefits equal to 5,382.78 tree seedlings grown for 10 years.**



There are other environmental benefits not quantified above e.g. reduction in pollutants emitted to our air and water, reduction in water use; number of trees not cut down to make paper; natural resources conserved, etc.



This is just a sampling of the environmental
benefits for one program in one building.

Think of the potential